

Progress report 01

PokMan Ho

03-Feb-2020

Date Time: 03-Feb-2020 13:50

Location: Boardroom, Silwood Park ICL

People: Dr. James Rosindell, PokMan Ho

1 Follow-up items

None

2 Topics discussed

1. Global solar data hourly time series (1947-2019) data handling
2. Model exploration

3 Consensus

1. Test limits of each model parameter on Jupyter
2. Plot graphs of model behaviour and summarize model limit results
3. Also get global temperature hourly data and incorporate it into model as a “energy loss/expenses” term
4. test model stability when population gets partial destruction

4 Work to do (expected finishing date)

- Expand and incorporate temperature as energy loss term into current working equation system (before Wednesday, 05-Feb)
- Test limits for individual, multiple parameters; graph them with explanations in a Jupyter notebook (before Wednesday, 05-Feb)
- download temperature data and fuse with geo-mapped solar irradiation data (after Wednesday, 05-Feb)